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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/989,486	11/20/2001	Reeny T. Sebastian	DP-304592/DE3-0214	9883
7590 03/01/2006			EXAMINER	
KEITH J. MURPHY			BROADHEAD, BRIAN J	
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55 Griffin Road South			ART UNIT	PAPER NUMBER
Bloomfield, CT 06002			3661	

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Please find below and/or attached an Office communication concerning this application or proceeding.

U.S. Patent and Trademark Office PTOL-326 (Rev. 7-05)

Paper No(s)/Mail Date 12-13-05.

3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)

6) Other:

5) Notice of Informal Patent Application (PTO-152)

Application/Control Number: 09/989,486 Page 2

Art Unit: 3661

DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1, and 15 through 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eguchi, 5554969.
- 3. Eguchi discloses receiving a plurality of signals indicative of the rear steering angle, checking at least one of the plurality of signals to determine if it falls within a valid range, and correlating at least a first signal of the plurality of signals with at least a second signal of said plurality of signals to determine if either the first signal or the second signal is invalid on lines 18-45, on column 1. Eguchi does not explicitly disclose the invention signals a rejection if any of the plurality of signals is found to be invalid. It would have been obvious to one of ordinary skill in the art at the time the invention was made to signal a rejection of an invalid signal because otherwise the invention would be useless. There would be no point in determining an invalid signal if nothing is done with that information.

Response to Arguments

4. Applicant's arguments filed 12-12-05 have been fully considered but they are not persuasive. The argument that the disclosure of Eguchi discloses the measurement system of the background invention as only being used on front wheels is not sufficient

Application/Control Number: 09/989,486

Art Unit: 3661

to overcome the rejection. First, how the system operates is irrelevant to what axle the invention is installed on. Second, the fact that Eguchi cites this invention as background of his invention of a rear wheel steering system is an implicit acknowledgement that the front wheel system of the background could be used on a rear wheel system. Why else would Eguchi cite it? Third, when a vehicle is driven in reverse, the front wheels and rear wheels trade places so any vehicle with the system disclosed in the background of the invention would read on the current invention when the vehicle is driven in reverse.

Page 3

Allowable Subject Matter

- 5. Claim 20 is allowed.
- 6. Claims 2 through 14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- 7. The following is a statement of reasons for the indication of allowable subject matter: The prior art does not disclose signaling a rejection of any of the plurality of signals is found to be invalid, wherein the correlating includes comparing the first signal with an expected value at about and inflection point of the second signal; computing an expected value of the other of the first signal and second signal in accordance with the calculated angle; the plurality of signals comprises a plurality of signal components of a single carrier signal; the receiving includes a single sensor having two signal outputs; comparing at least one of the plurality of signals with both and upper and lower limit; and determining a second value of the steering able in accordance with the first value of

the steering value and the second signal in order to obtain a more accurate measurement.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Broadhead whose telephone number is 571-272-6957. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on 571-272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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